

Conversores modales Placas de fase espiral (SPP)

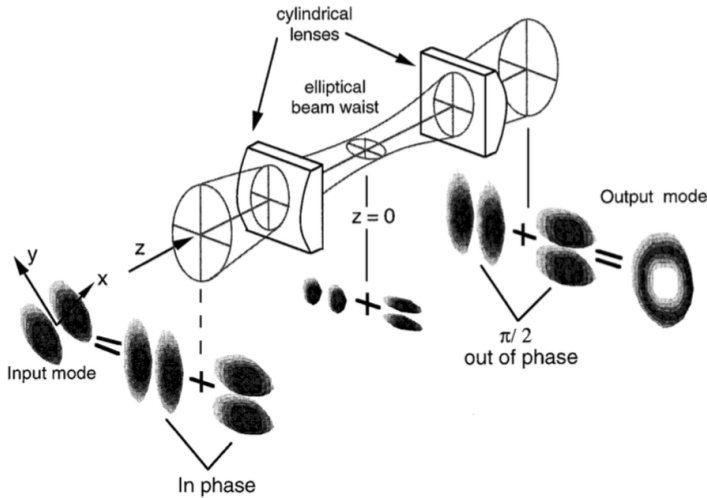


Figure 3 The cylindrical lens mode converter for the conversion of a Hermite-Gaussian $n = l, m = 0$ mode into the corresponding Laguerre-Gaussian mode with $l = 1$ and $p = 0$. The lenses of focal length f are separated by $f/2^{1/2}$ where the Rayleigh range of the input beam is $(1 + 1/2^{1/2})f$.

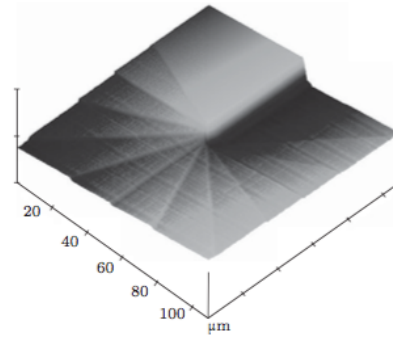


Fig. 2. AFM image of the spiral phase plate near to its central region.

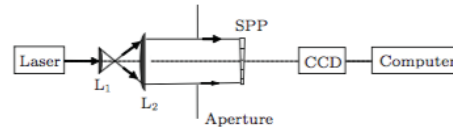


Fig. 3. Experimental setup for evaluating the spiral phase plate to generate optical vortex.

TUTORIAL REVIEW

The angular momentum of light: optical spanners and the rotational frequency shift

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Generation of Optical Vortex Using a Spiral Phase Plate Fabricated in Quartz by Direct Laser Writing and Inductively Coupled Plasma Etching

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